

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080123\
 Data File : BN026784.D
 Acq On : 01 Aug 2023 15:05
 Operator : MA/JU
 Sample : 03850-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR-04-475-500-073123

Quant Time: Aug 02 01:00:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 00:35:47 2023
 Response via : Initial Calibration

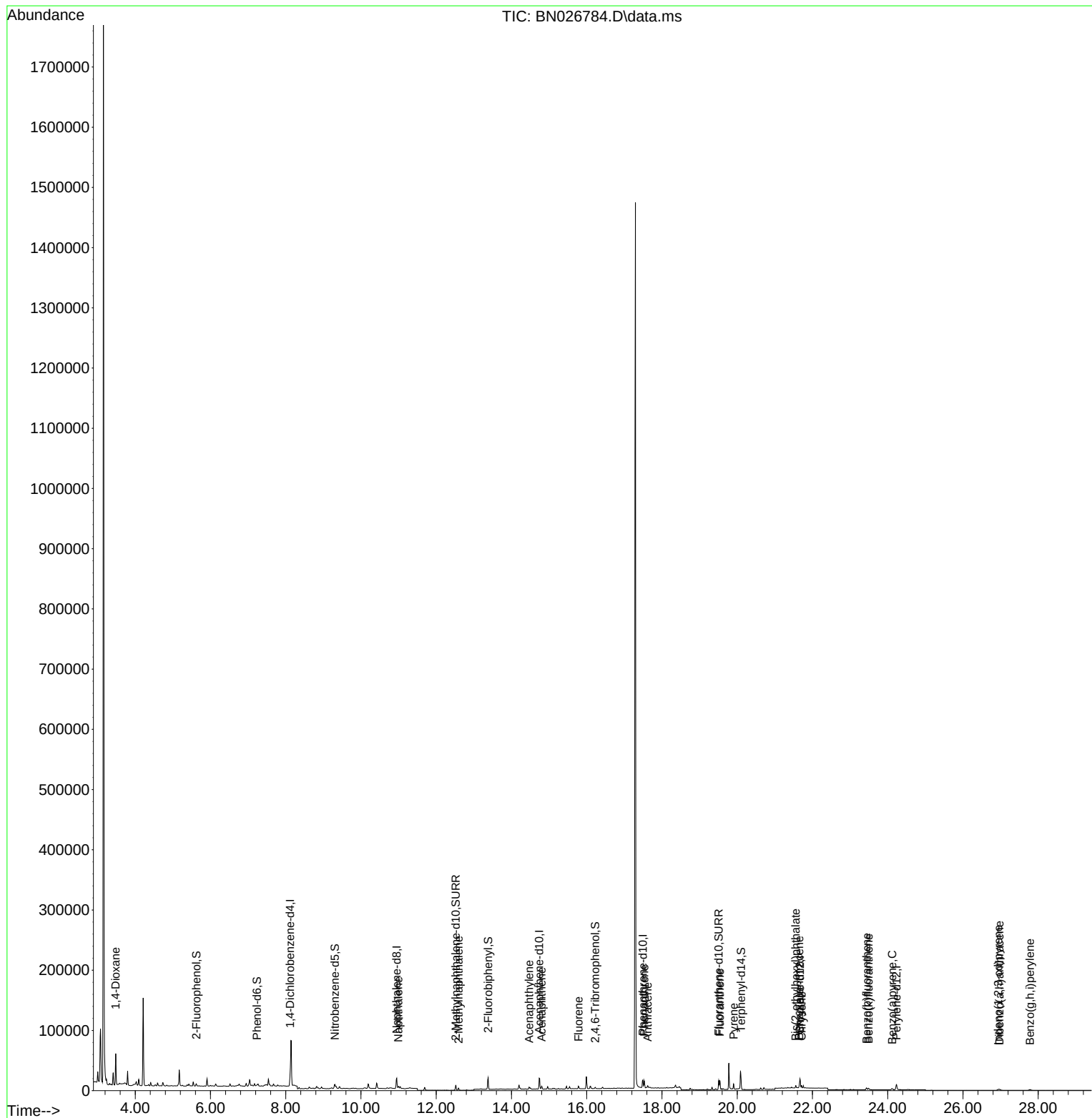
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.117	152	8356	0.400	ng	0.00
7) Naphthalene-d8	10.949	136	23640	0.400	ng	0.00
13) Acenaphthene-d10	14.737	164	10853	0.400	ng	-0.01
19) Phenanthrene-d10	17.492	188	19340	0.400	ng	0.00
29) Chrysene-d12	21.668	240	13449	0.400	ng	# 0.00
35) Perylene-d12	24.232	264	13305	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.625	112	2838	0.134	ng	0.00
5) Phenol-d6	7.235	99	2012	0.073	ng	0.00
8) Nitrobenzene-d5	9.304	82	5504	0.393	ng	0.00
11) 2-Methylnaphthalene-d10	12.521	152	10764	0.318	ng	0.00
14) 2,4,6-Tribromophenol	16.226	330	1214	0.329	ng	0.00
15) 2-Fluorobiphenyl	13.379	172	16897	0.381	ng	0.00
27) Fluoranthene-d10	19.509	212	15539	0.335	ng	0.00
31) Terphenyl-d14	20.099	244	14124	0.504	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.480	88	32231	3.304	ng	98
9) Naphthalene	10.991	128	4546	0.070	ng	# 92
12) 2-Methylnaphthalene	12.593	142	2554	0.058	ng	95
16) Acenaphthylene	14.469	152	3556	0.066	ng	99
17) Acenaphthene	14.801	154	2229	0.066	ng	89
18) Fluorene	15.779	166	2945	0.067	ng	99
25) Phenanthrene	17.530	178	11002	0.187	ng	100
26) Anthracene	17.616	178	3448	0.066	ng	# 95
28) Fluoranthene	19.541	202	11695	0.179	ng	# 88
30) Pyrene	19.904	202	7494	0.129	ng	99
32) Benzo(a)anthracene	21.650	228	4332	0.094	ng	93
33) Chrysene	21.712	228	3905	0.076	ng	95
34) Bis(2-ethylhexyl)phtha...	21.551	149	4419	0.289	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.940	276	3466	0.064	ng	98
37) Benzo(b)fluoranthene	23.437	252	4480	0.086	ng	# 79
38) Benzo(k)fluoranthene	23.493	252	3680	0.068	ng	# 77
39) Benzo(a)pyrene	24.115	252	3365	0.070	ng	# 76
40) Dibenzo(a,h)anthracene	26.972	278	2359	0.056	ng	# 72
41) Benzo(g,h,i)perylene	27.782	276	3034	0.061	ng	# 80

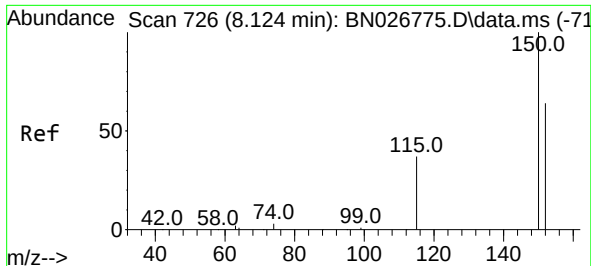
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080123\
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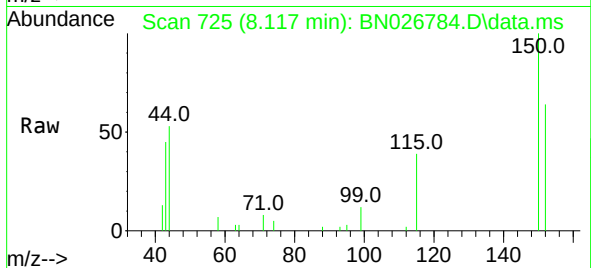
Quant Time: Aug 02 01:00:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
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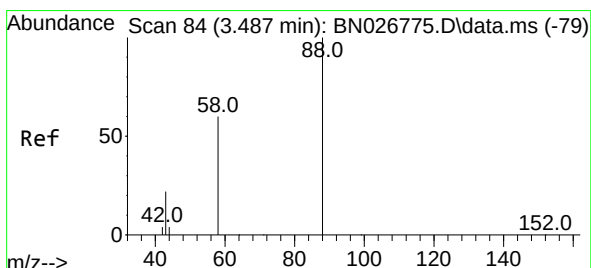
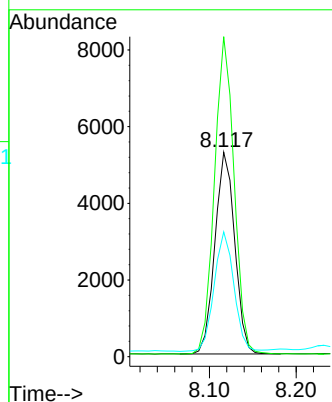
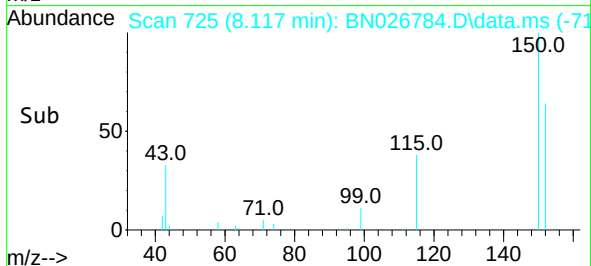


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.117 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: BN026784.D
 Acq: 01 Aug 2023 15:05

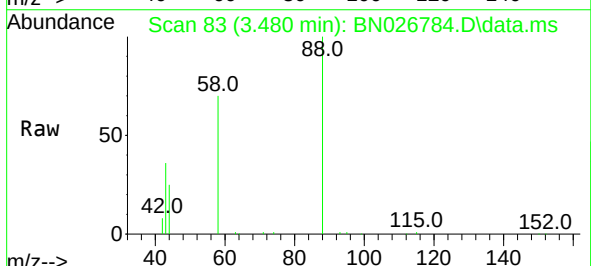
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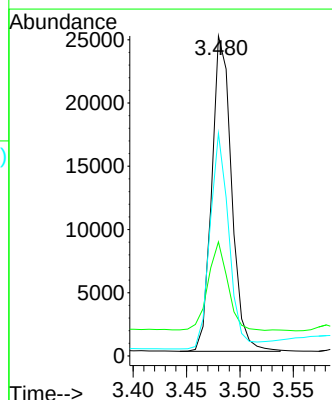
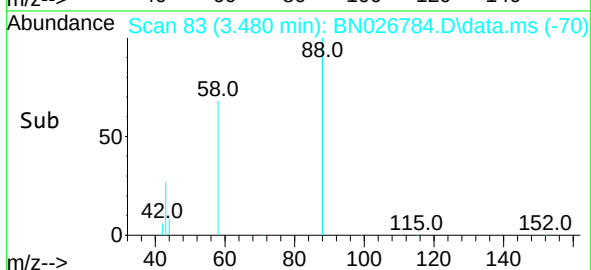
Tgt Ion:152 Resp: 8356
 Ion Ratio Lower Upper
 152 100
 150 156.5 123.8 185.8
 115 61.0 48.0 72.0

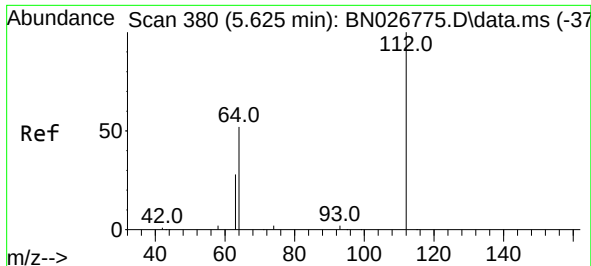


#2
 1,4-Dioxane
 Concen: 3.304 ng
 RT: 3.480 min Scan# 83
 Delta R.T. -0.007 min
 Lab File: BN026784.D
 Acq: 01 Aug 2023 15:05



Tgt Ion: 88 Resp: 32231
 Ion Ratio Lower Upper
 88 100
 43 27.9 21.7 32.5
 58 65.3 53.3 79.9

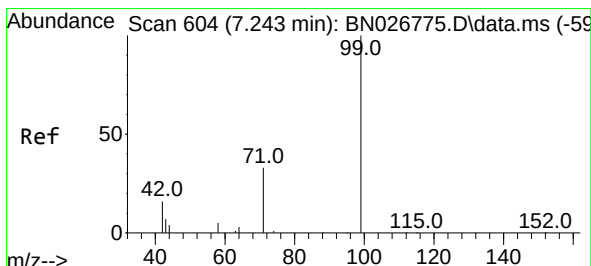
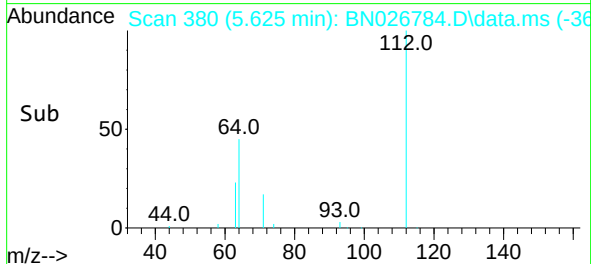
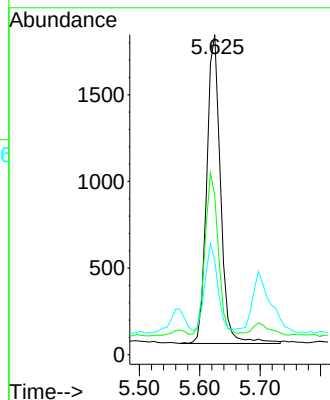
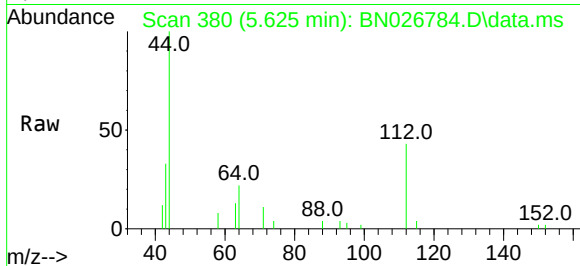




#4
2-Fluorophenol
Concen: 0.134 ng
RT: 5.625 min Scan# 311
Delta R.T. -0.000 min
Lab File: BN026784.D
Acq: 01 Aug 2023 15:05

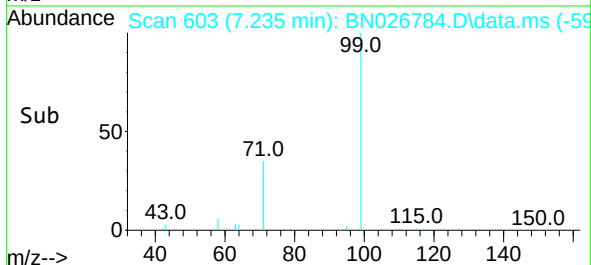
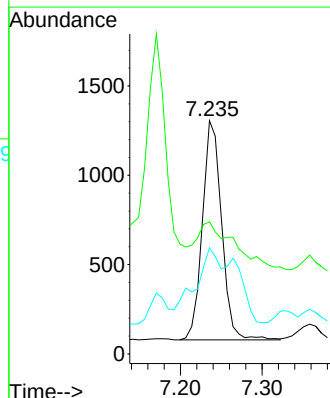
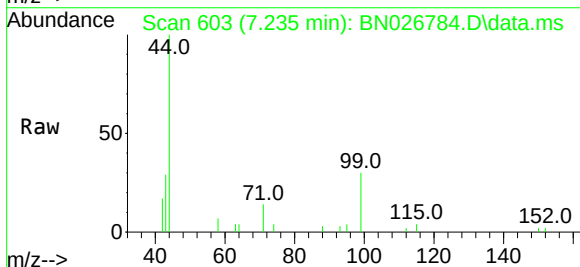
Instrument :
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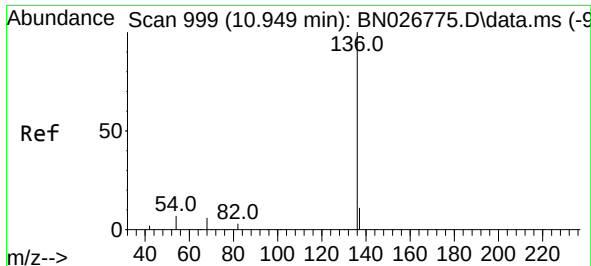
Tgt Ion:	112	Resp:	2838
Ion	Ratio	Lower	Upper
112	100		
64	50.2	42.2	63.2
63	25.4	22.7	34.1



#5
Phenol-d6
Concen: 0.073 ng
RT: 7.235 min Scan# 603
Delta R.T. -0.007 min
Lab File: BN026784.D
Acq: 01 Aug 2023 15:05

Tgt Ion:	99	Resp:	2012
Ion	Ratio	Lower	Upper
99	100		
42	43.1	14.6	22.0#
71	71.9	26.6	40.0#

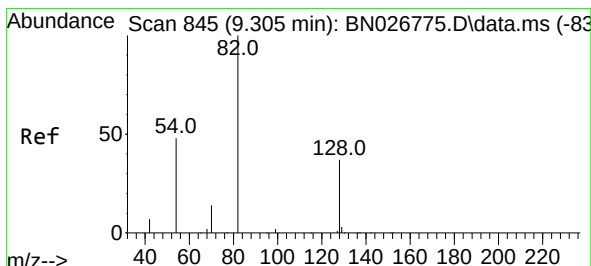
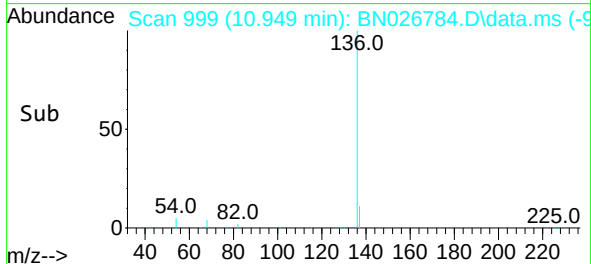
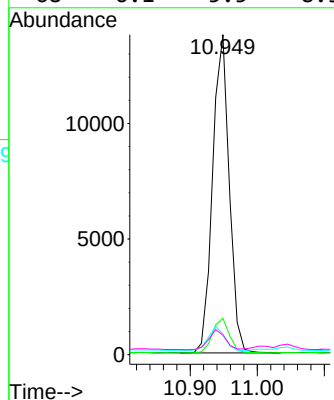
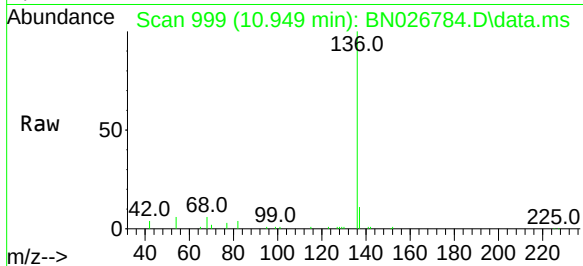




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.949 min Scan# 999
Delta R.T. -0.000 min
Lab File: BN026784.D
Acq: 01 Aug 2023 15:05

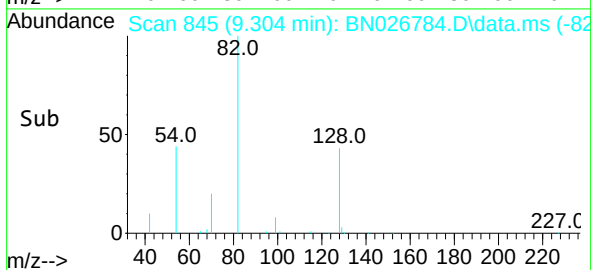
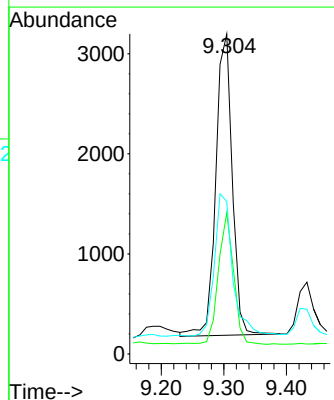
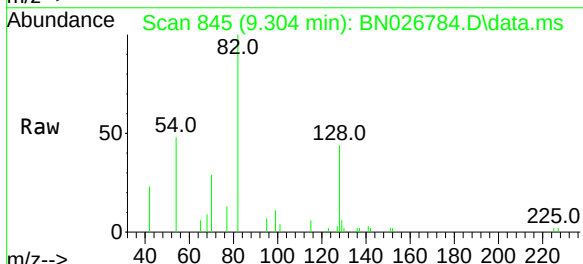
Instrument :
BNA_N
ClientSampleId :
GWBR-04-475-500-073123

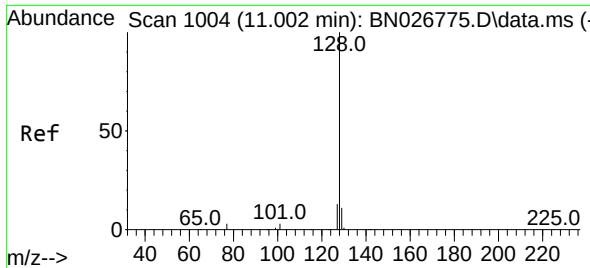
Tgt Ion:	136	Resp:	23640
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.4
54	6.4	6.2	9.2
68	6.1	5.5	8.3



#8
Nitrobenzene-d5
Concen: 0.393 ng
RT: 9.304 min Scan# 845
Delta R.T. -0.000 min
Lab File: BN026784.D
Acq: 01 Aug 2023 15:05

Tgt Ion:	82	Resp:	5504
Ion Ratio	Lower	Upper	
82	100		
128	44.1	30.5	45.7
54	47.6	39.4	59.2

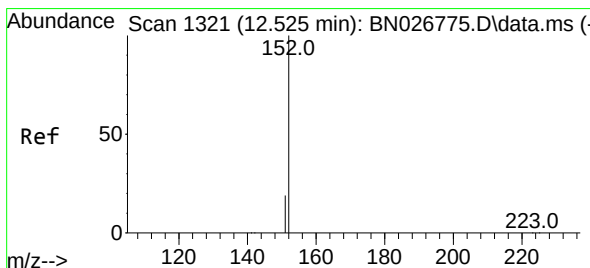
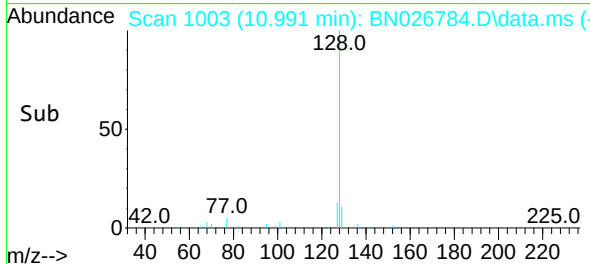
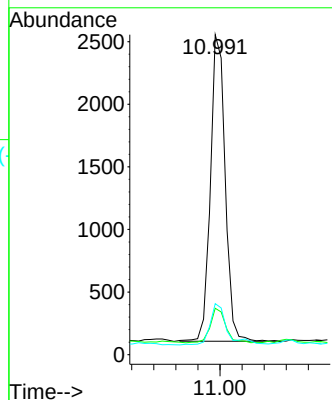
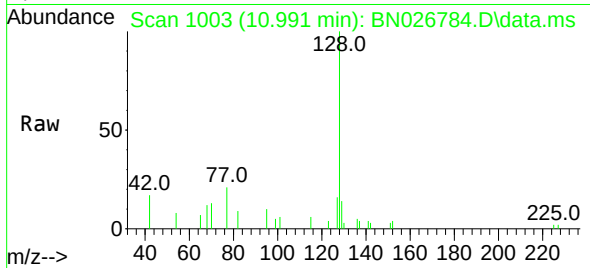




#9
Naphthalene
Concen: 0.070 ng
RT: 10.991 min Scan# 10
Delta R.T. -0.011 min
Lab File: BN026784.D
Acq: 01 Aug 2023 15:05

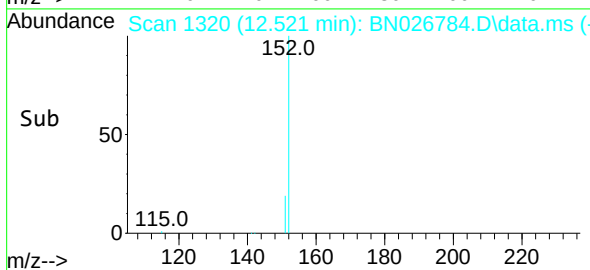
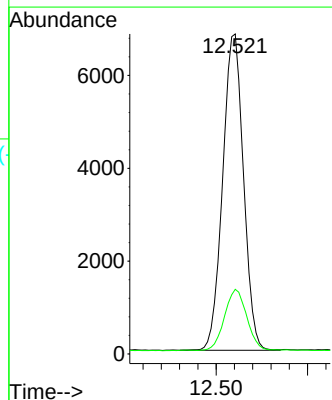
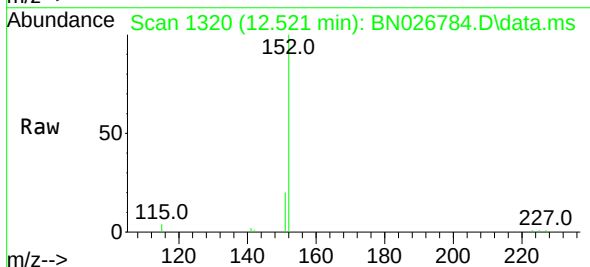
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GWBR-04-475-500-073123

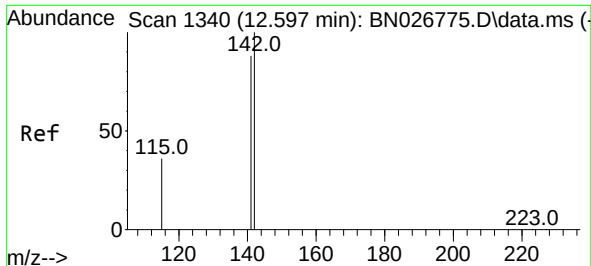
Tgt Ion:128 Resp: 4546
Ion Ratio Lower Upper
128 100
129 14.5 9.0 13.4#
127 16.0 10.6 16.0#



#11
2-Methylnaphthalene-d10
Concen: 0.318 ng
RT: 12.521 min Scan# 1320
Delta R.T. -0.004 min
Lab File: BN026784.D
Acq: 01 Aug 2023 15:05

Tgt Ion:152 Resp: 10764
Ion Ratio Lower Upper
152 100
151 20.7 16.5 24.7

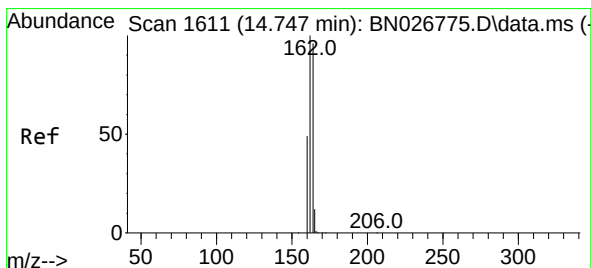
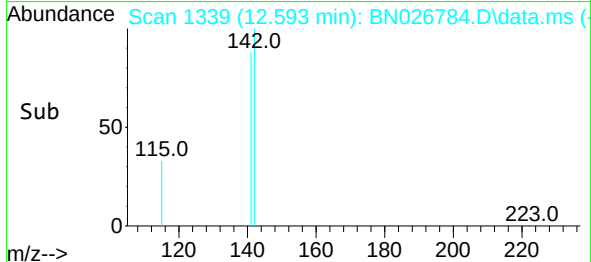
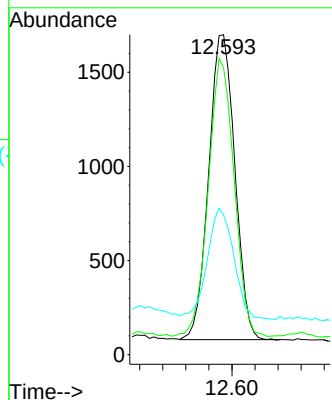
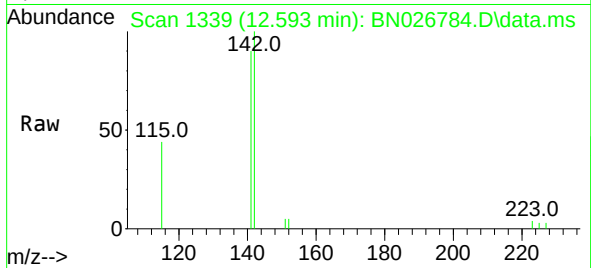




#12
2-Methylnaphthalene
Concen: 0.058 ng
RT: 12.593 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN026784.D
Acq: 01 Aug 2023 15:05

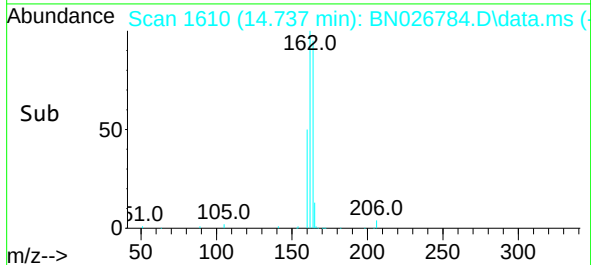
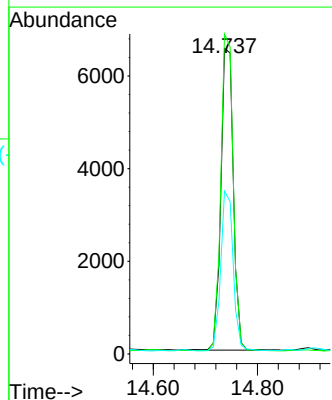
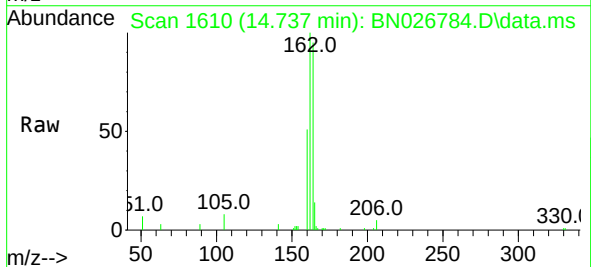
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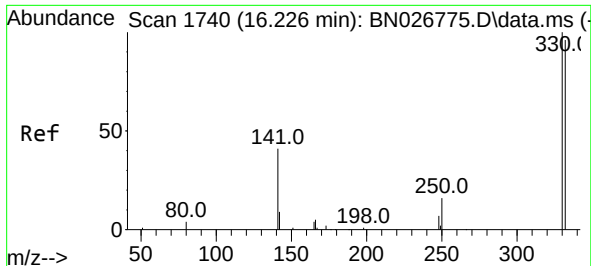
Tgt Ion:142 Resp: 2554
Ion Ratio Lower Upper
142 100
141 89.8 70.3 105.5
115 43.6 29.2 43.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.737 min Scan# 1610
Delta R.T. -0.011 min
Lab File: BN026784.D
Acq: 01 Aug 2023 15:05

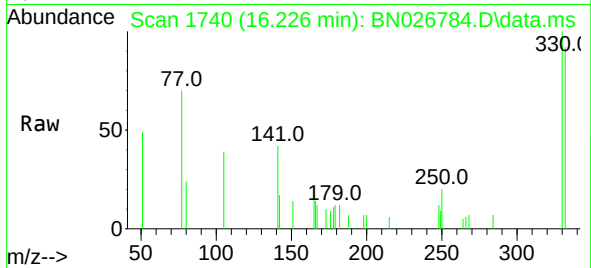
Tgt Ion:164 Resp: 10853
Ion Ratio Lower Upper
164 100
162 104.8 83.0 124.6
160 53.3 40.8 61.2



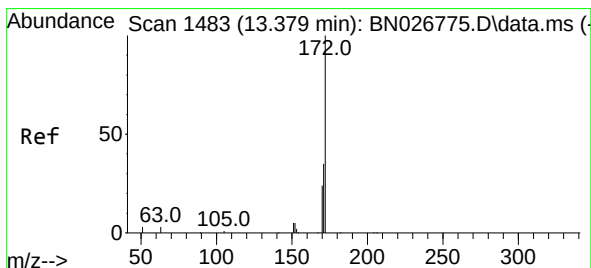
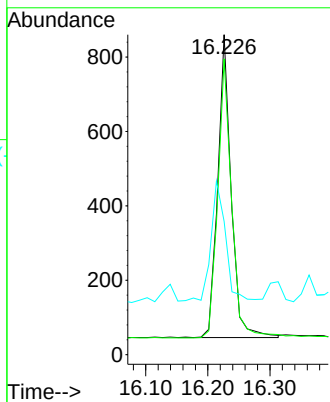
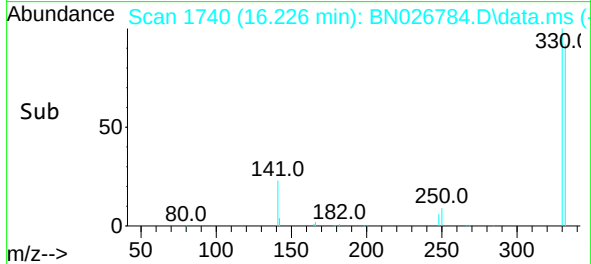


#14
2,4,6-Tribromophenol
Concen: 0.329 ng
RT: 16.226 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN026784.D
Acq: 01 Aug 2023 15:05

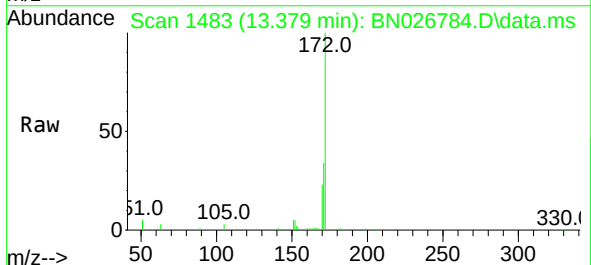
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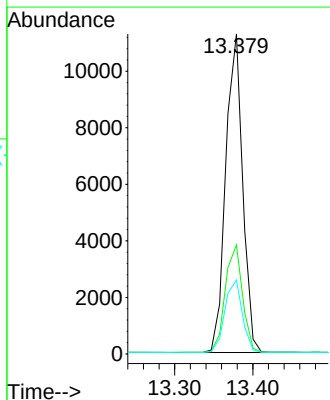
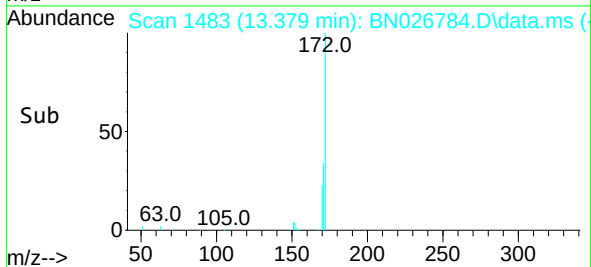
Tgt Ion:330 Resp: 1214
Ion Ratio Lower Upper
330 100
332 95.4 77.8 116.6
141 42.2 34.8 52.2

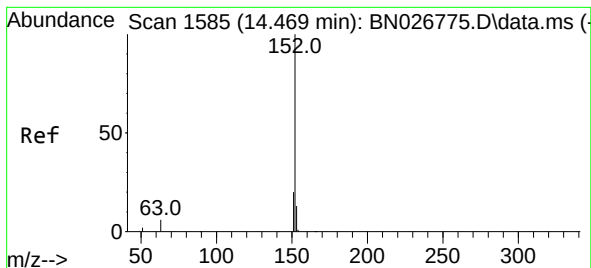


#15
2-Fluorobiphenyl
Concen: 0.381 ng
RT: 13.379 min Scan# 1483
Delta R.T. -0.000 min
Lab File: BN026784.D
Acq: 01 Aug 2023 15:05



Tgt Ion:172 Resp: 16897
Ion Ratio Lower Upper
172 100
171 34.0 28.0 42.0
170 23.1 19.2 28.8





#16

Acenaphthylene

Concen: 0.066 ng

RT: 14.469 min Scan# 1585

Delta R.T. -0.000 min

Lab File: BN026784.D

Acq: 01 Aug 2023 15:05

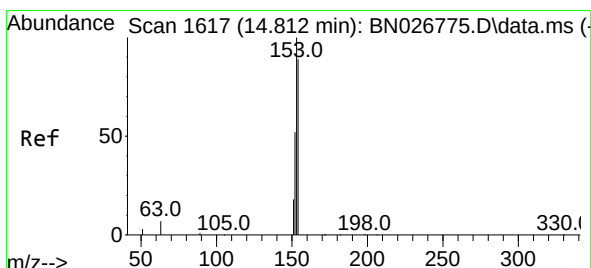
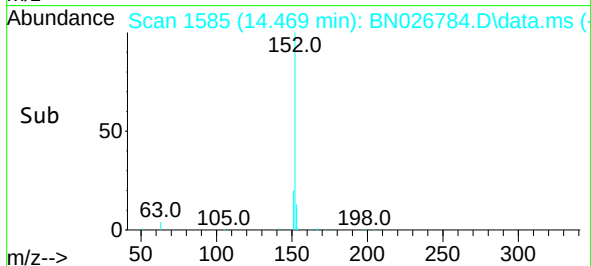
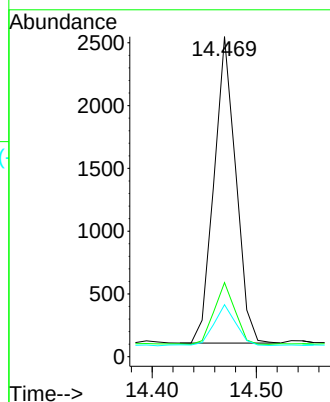
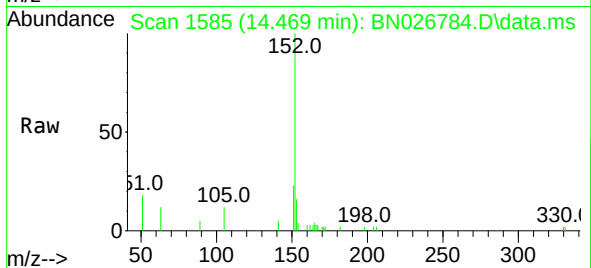
Instrument :

BNA_N

ClientSampleId :

GWBR-04-475-500-073123

Tgt Ion:152	Resp:	3556
Ion	Ratio	Lower Upper
152	100	
151	19.4	15.7 23.5
153	14.0	10.5 15.7



#17

Acenaphthene

Concen: 0.066 ng

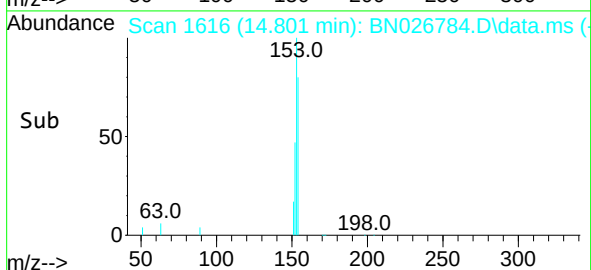
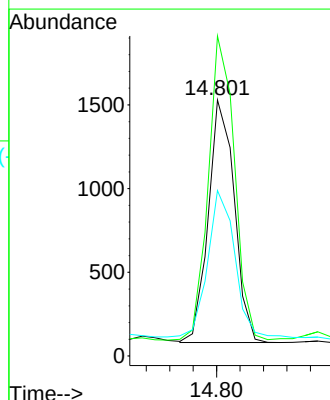
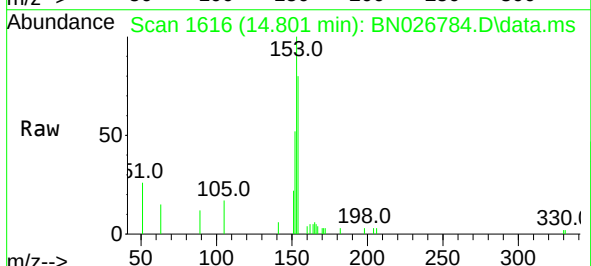
RT: 14.801 min Scan# 1616

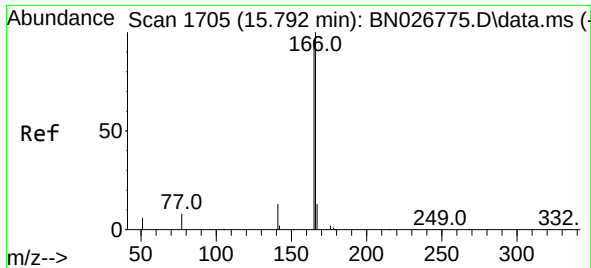
Delta R.T. -0.011 min

Lab File: BN026784.D

Acq: 01 Aug 2023 15:05

Tgt Ion:154	Resp:	2229
Ion	Ratio	Lower Upper
154	100	
153	126.2	90.0 135.0
152	66.1	48.6 73.0

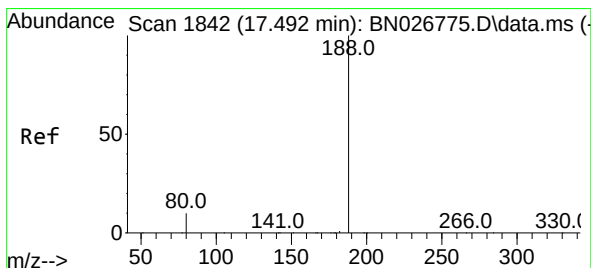
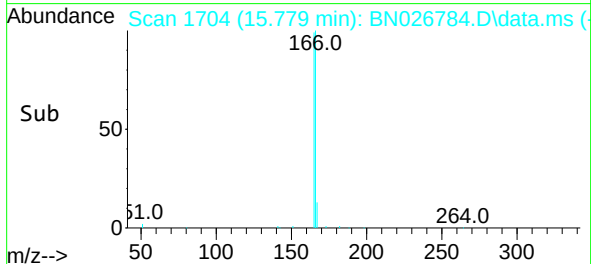
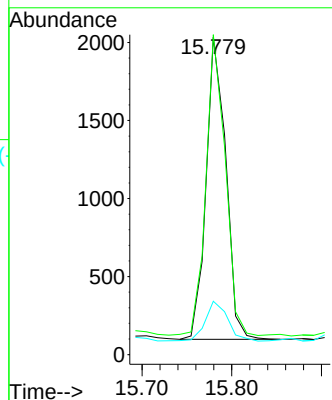
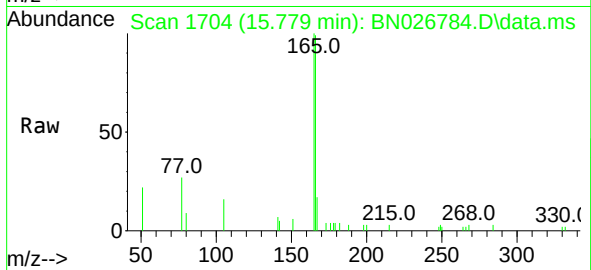




#18
 Fluorene
 Concen: 0.067 ng
 RT: 15.779 min Scan# 1704
 Delta R.T. -0.012 min
 Lab File: BN026784.D
 Acq: 01 Aug 2023 15:05

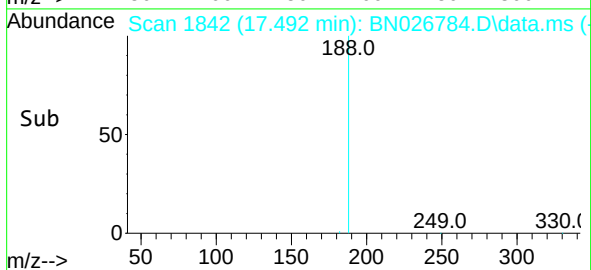
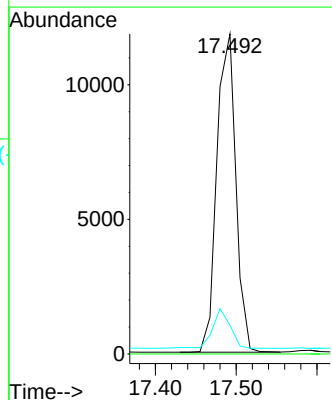
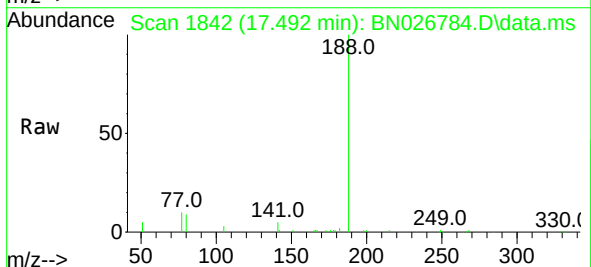
Instrument :
 BNA_N
 ClientSampleId :
 GWBR-04-475-500-073123

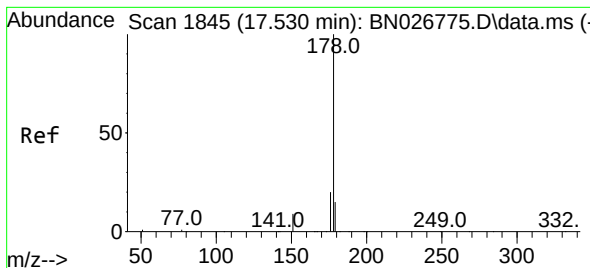
Tgt Ion:166 Resp: 2945
 Ion Ratio Lower Upper
 166 100
 165 98.7 79.0 118.6
 167 14.9 10.9 16.3



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.492 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: BN026784.D
 Acq: 01 Aug 2023 15:05

Tgt Ion:188 Resp: 19340
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 8.9 8.0 12.0





#25

Phenanthrene

Concen: 0.187 ng

RT: 17.530 min Scan# 1845

Delta R.T. -0.000 min

Lab File: BN026784.D

Acq: 01 Aug 2023 15:05

Instrument :

BNA_N

ClientSampleId :

GWBR-04-475-500-073123

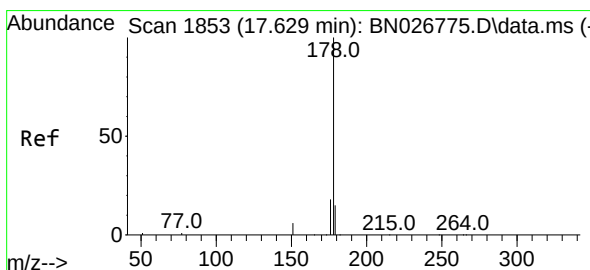
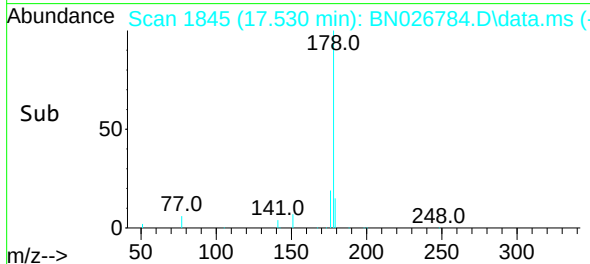
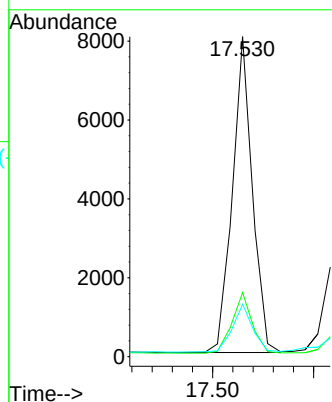
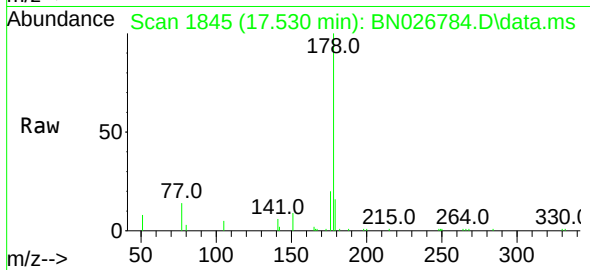
Tgt Ion:178 Resp: 11002

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.3 12.2 18.2



#26

Anthracene

Concen: 0.066 ng

RT: 17.616 min Scan# 1852

Delta R.T. -0.012 min

Lab File: BN026784.D

Acq: 01 Aug 2023 15:05

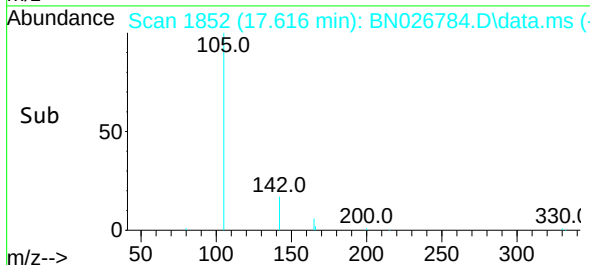
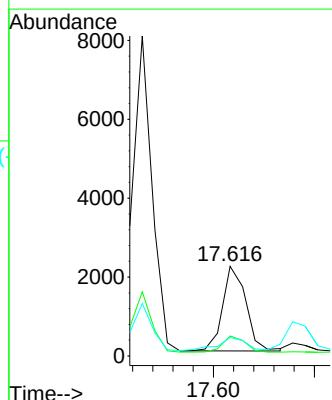
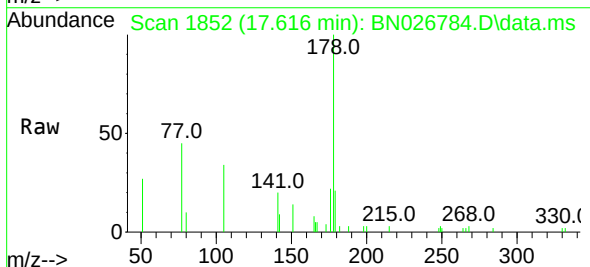
Tgt Ion:178 Resp: 3448

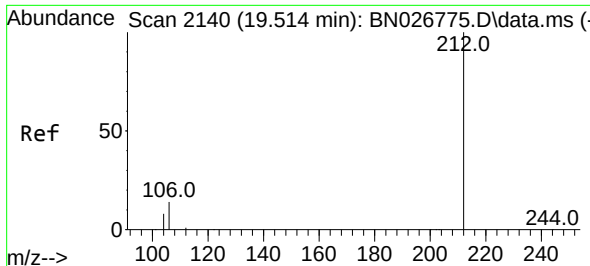
Ion Ratio Lower Upper

178 100

176 18.3 14.9 22.3

179 19.1 12.2 18.2#

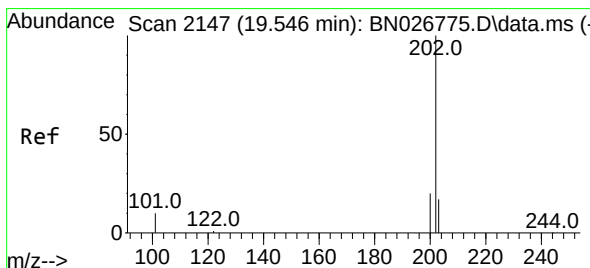
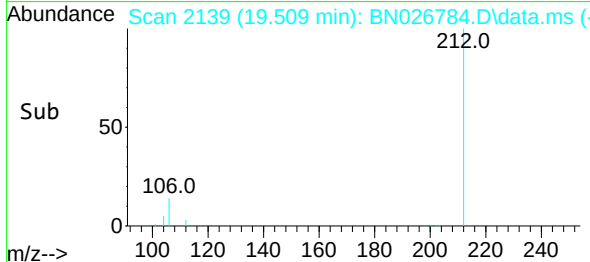
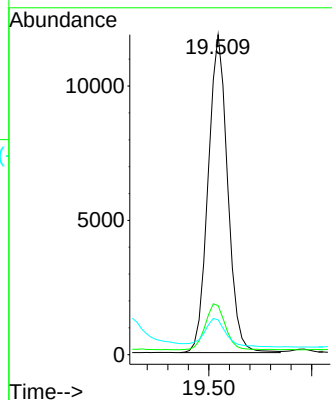
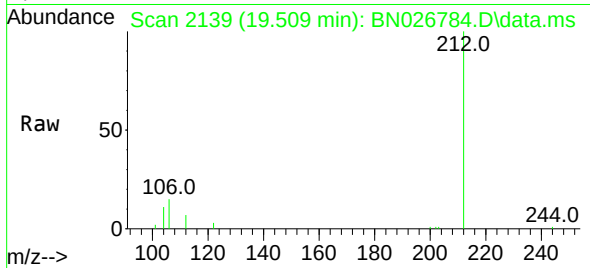




#27
Fluoranthene-d10
Concen: 0.335 ng
RT: 19.509 min Scan# 2139
Delta R.T. -0.005 min
Lab File: BN026784.D
Acq: 01 Aug 2023 15:05

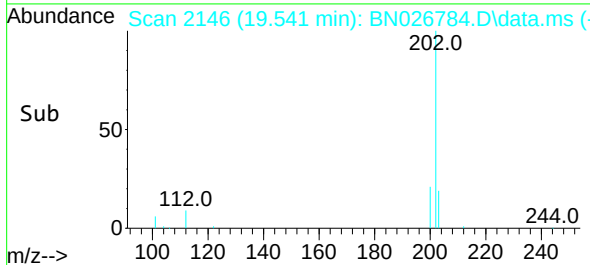
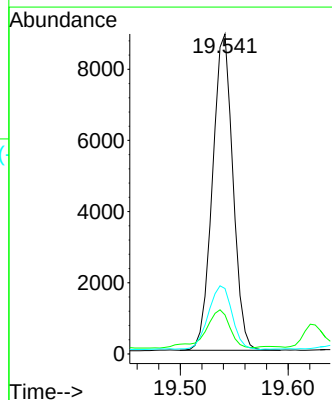
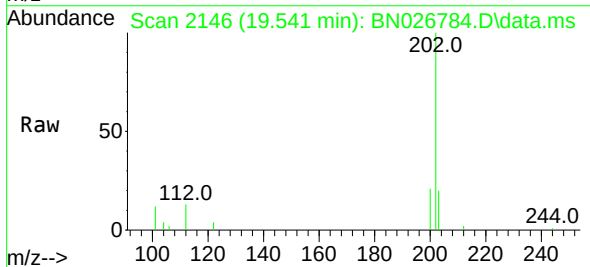
Instrument :
BNA_N
ClientSampleId :
GWBR-04-475-500-073123

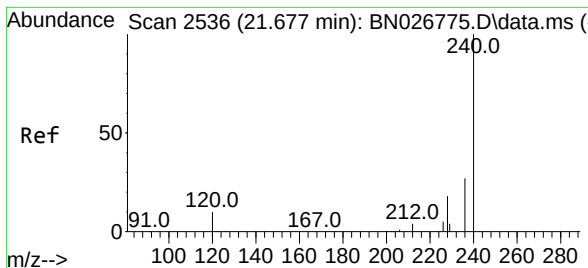
Tgt Ion:212 Resp: 15539
Ion Ratio Lower Upper
212 100
106 14.9 11.7 17.5
104 10.1 6.4 9.6#



#28
Fluoranthene
Concen: 0.179 ng
RT: 19.541 min Scan# 2146
Delta R.T. -0.005 min
Lab File: BN026784.D
Acq: 01 Aug 2023 15:05

Tgt Ion:202 Resp: 11695
Ion Ratio Lower Upper
202 100
101 14.4 9.2 13.8#
203 23.4 13.7 20.5#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.668 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN026784.D

Acq: 01 Aug 2023 15:05

Instrument :

BNA_N

ClientSampleId :

GWBR-04-475-500-073123

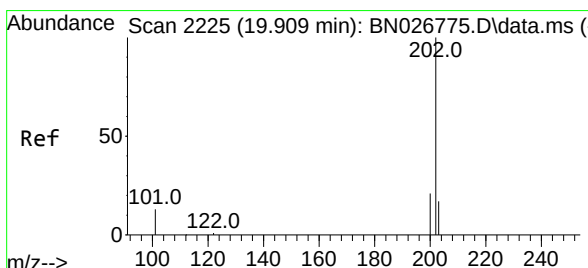
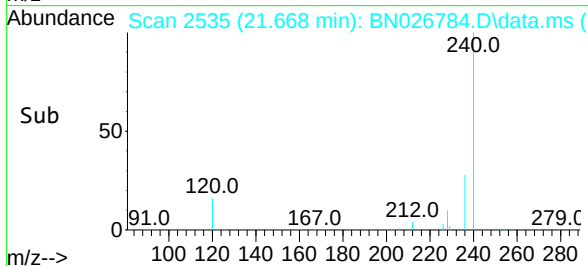
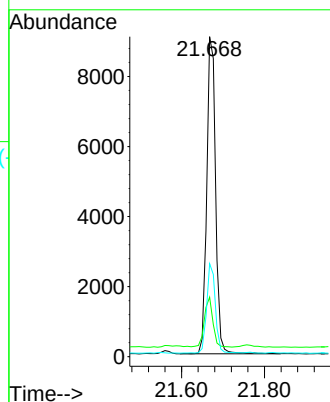
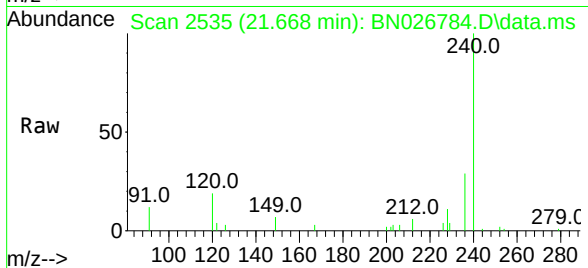
Tgt Ion:240 Resp: 13449

Ion Ratio Lower Upper

240 100

120 18.6 9.2 13.8#

236 29.0 21.9 32.9



#30

Pyrene

Concen: 0.129 ng

RT: 19.904 min Scan# 2224

Delta R.T. -0.005 min

Lab File: BN026784.D

Acq: 01 Aug 2023 15:05

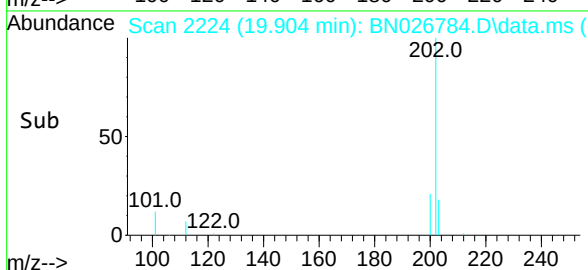
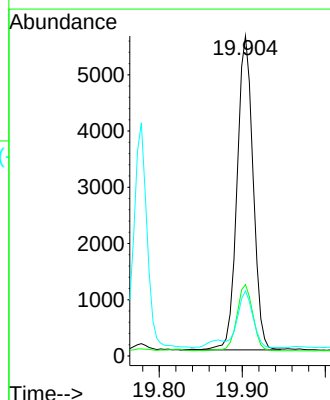
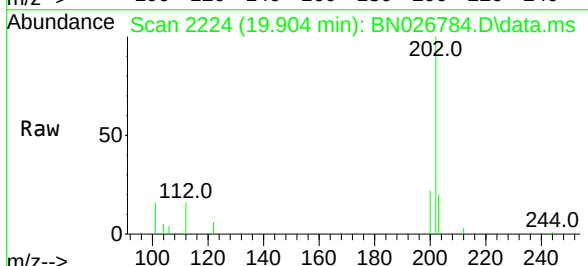
Tgt Ion:202 Resp: 7494

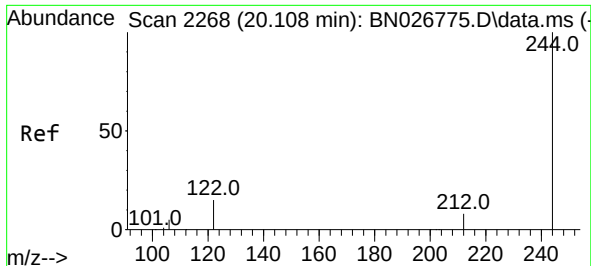
Ion Ratio Lower Upper

202 100

200 21.2 16.8 25.2

203 17.3 14.2 21.2

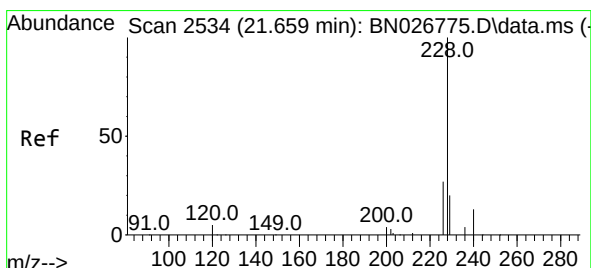
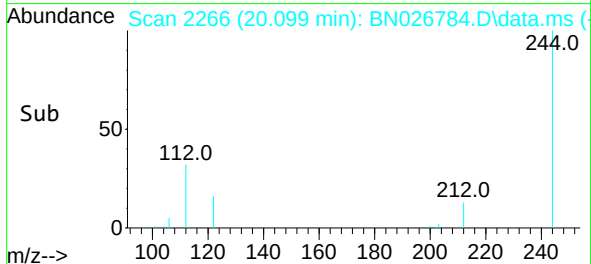
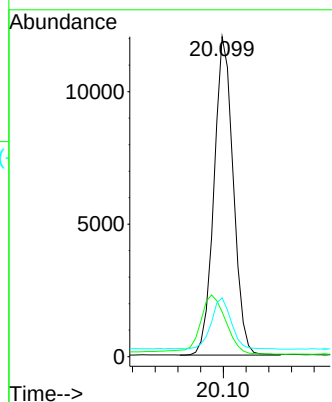
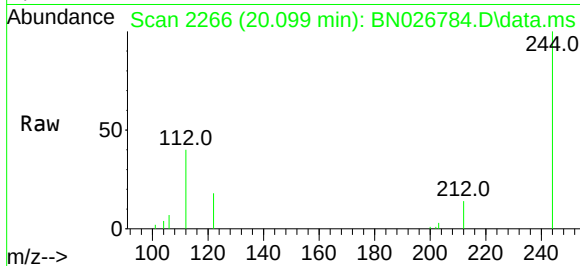




#31
 Terphenyl-d14
 Concen: 0.504 ng
 RT: 20.099 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN026784.D
 Acq: 01 Aug 2023 15:05

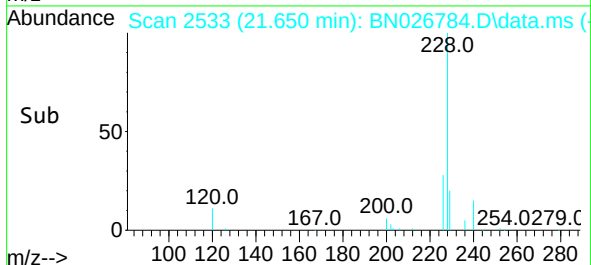
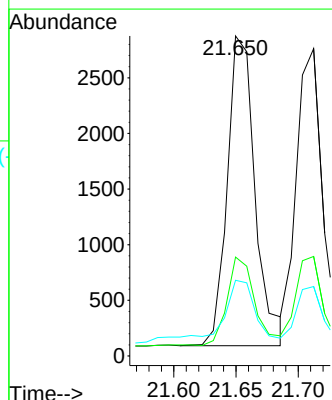
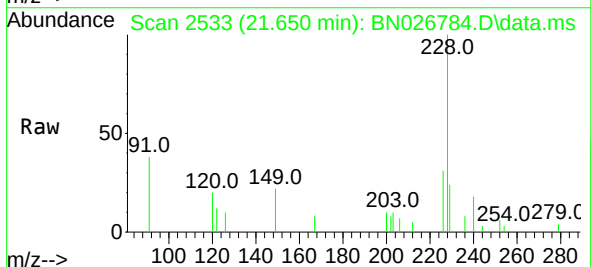
Instrument :
 BNA_N
 ClientSampleId :
 GWBR-04-475-500-073123

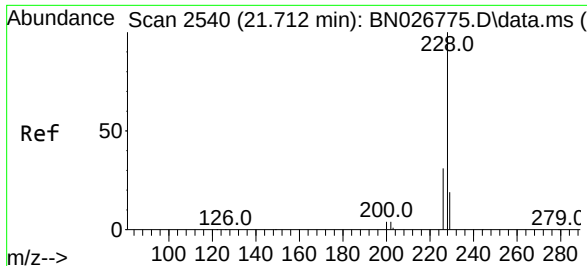
Tgt Ion:244 Resp: 14124
 Ion Ratio Lower Upper
 244 100
 212 14.0 7.0 10.4#
 122 18.4 12.3 18.5



#32
 Benzo(a)anthracene
 Concen: 0.094 ng
 RT: 21.650 min Scan# 2533
 Delta R.T. -0.009 min
 Lab File: BN026784.D
 Acq: 01 Aug 2023 15:05

Tgt Ion:228 Resp: 4332
 Ion Ratio Lower Upper
 228 100
 226 30.9 21.9 32.9
 229 23.6 15.8 23.8





#33

Chrysene

Concen: 0.076 ng

RT: 21.712 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN026784.D

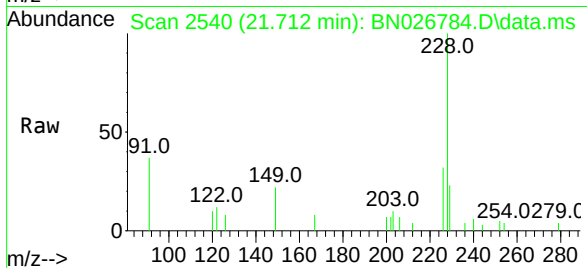
Acq: 01 Aug 2023 15:05

Instrument :

BNA_N

ClientSampleId :

GWBR-04-475-500-073123



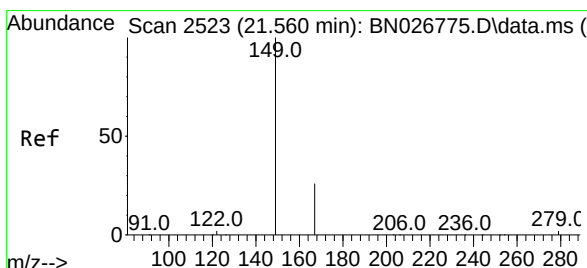
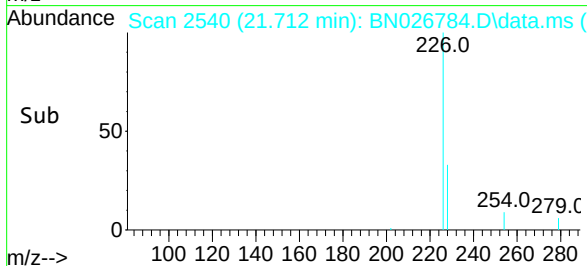
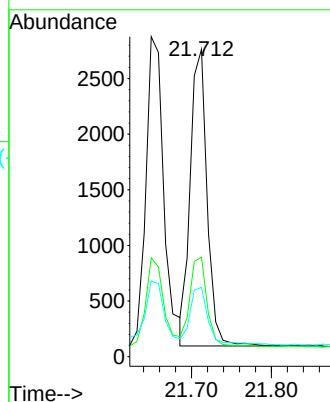
Tgt Ion:228 Resp: 3905

Ion Ratio Lower Upper

228 100

226 32.4 24.6 36.8

229 22.6 15.4 23.2



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.289 ng

RT: 21.551 min Scan# 2522

Delta R.T. -0.009 min

Lab File: BN026784.D

Acq: 01 Aug 2023 15:05

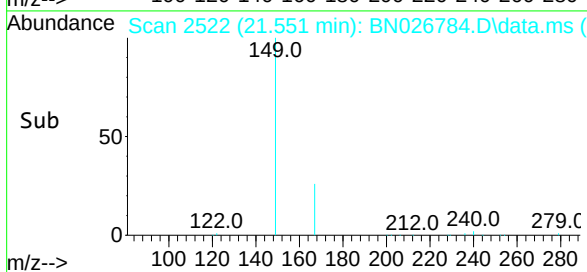
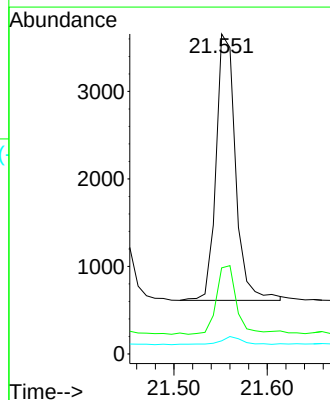
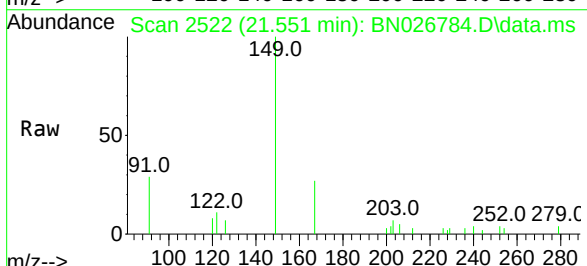
Tgt Ion:149 Resp: 4419

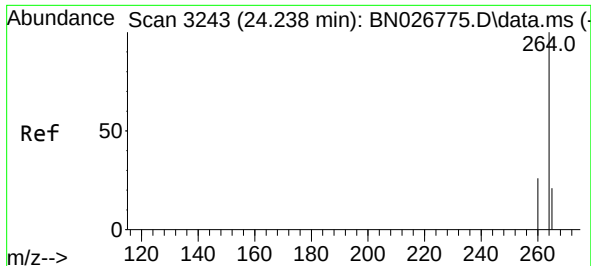
Ion Ratio Lower Upper

149 100

167 26.9 20.8 31.2

279 3.7 2.4 3.6#

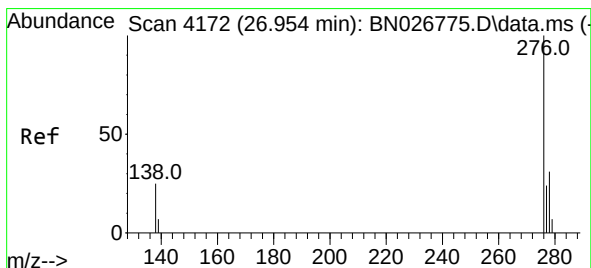
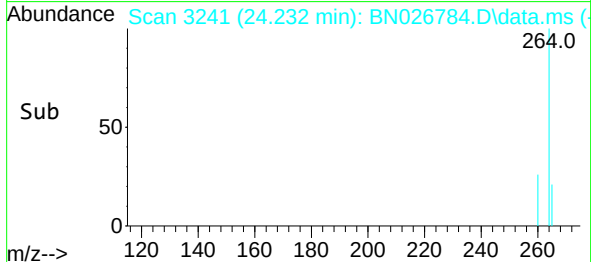
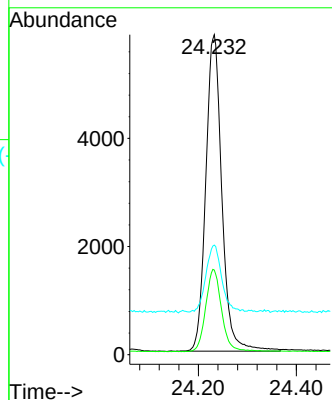
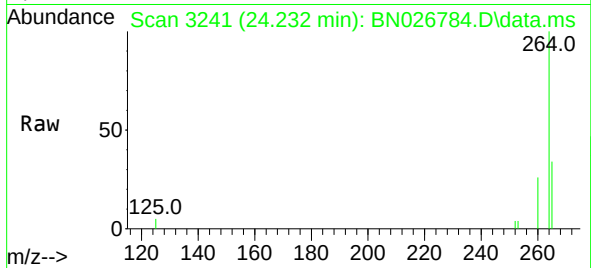




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.232 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BN026784.D
 Acq: 01 Aug 2023 15:05

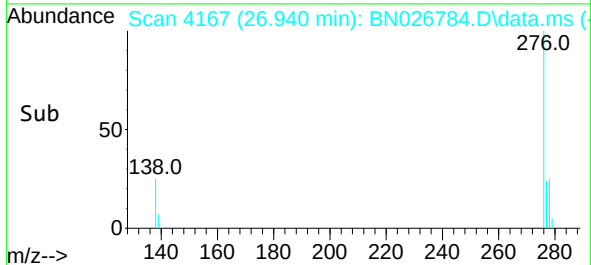
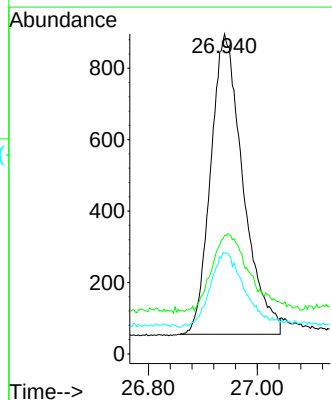
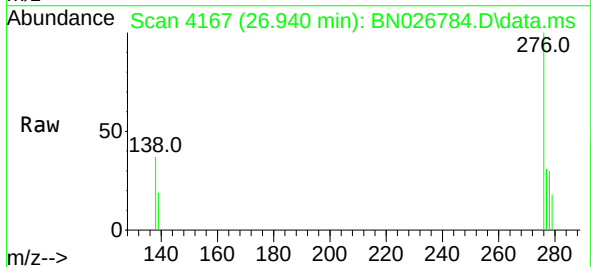
Instrument :
 BNA_N
 ClientSampleId :
 GWBR-04-475-500-073123

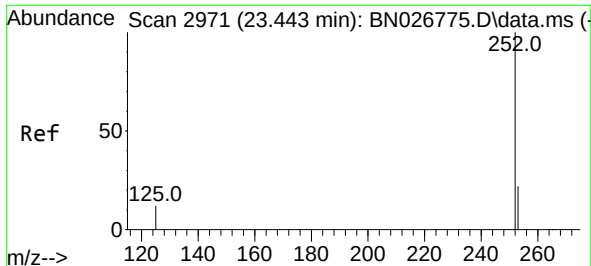
Tgt Ion:264 Resp: 13305
 Ion Ratio Lower Upper
 264 100
 260 26.4 21.0 31.6
 265 34.2 22.6 33.8#



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.064 ng
 RT: 26.940 min Scan# 4167
 Delta R.T. -0.015 min
 Lab File: BN026784.D
 Acq: 01 Aug 2023 15:05

Tgt Ion:276 Resp: 3466
 Ion Ratio Lower Upper
 276 100
 138 27.1 22.8 34.2
 277 25.1 19.9 29.9

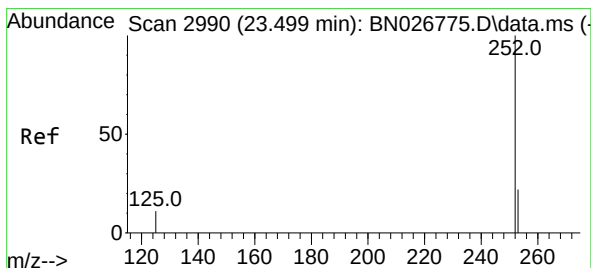
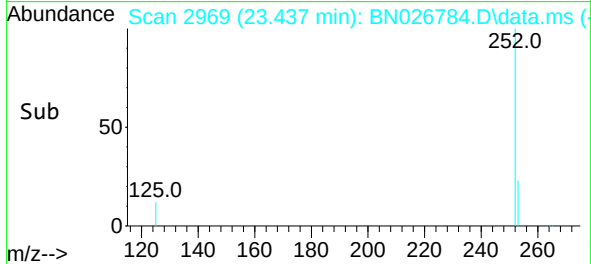
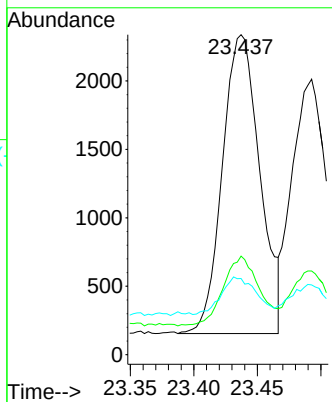
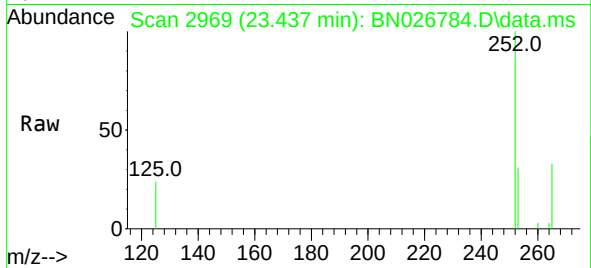




#37
Benzo(b)fluoranthene
Concen: 0.086 ng
RT: 23.437 min Scan# 2969
Delta R.T. -0.006 min
Lab File: BN026784.D
Acq: 01 Aug 2023 15:05

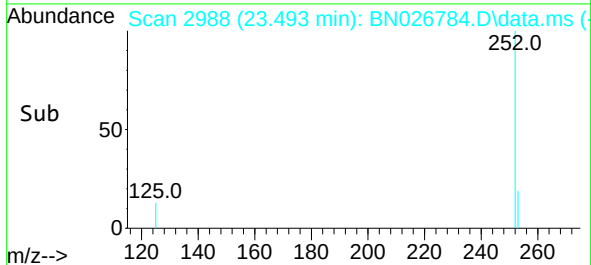
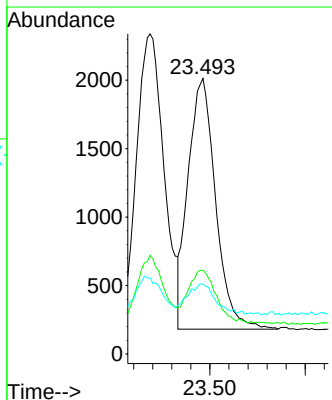
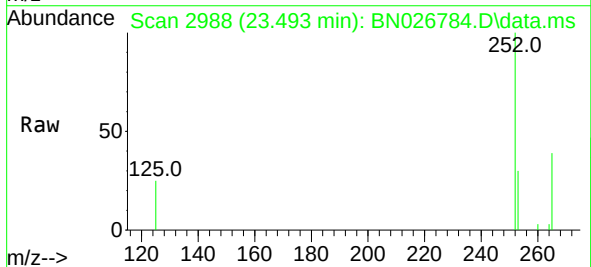
Instrument :
BNA_N
ClientSampleId :
GWBR-04-475-500-073123

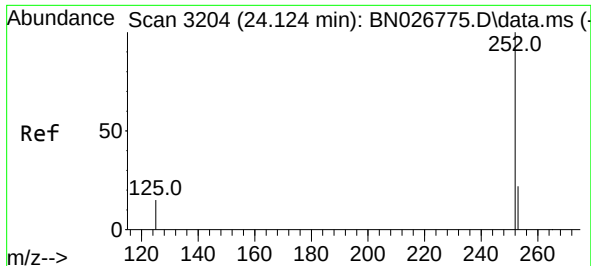
Tgt Ion:252 Resp: 4480
Ion Ratio Lower Upper
252 100
253 30.8 17.8 26.8#
125 23.8 10.8 16.2#



#38
Benzo(k)fluoranthene
Concen: 0.068 ng
RT: 23.493 min Scan# 2988
Delta R.T. -0.006 min
Lab File: BN026784.D
Acq: 01 Aug 2023 15:05

Tgt Ion:252 Resp: 3680
Ion Ratio Lower Upper
252 100
253 30.4 18.0 27.0#
125 25.3 9.4 14.2#





#39

Benzo(a)pyrene

Concen: 0.070 ng

RT: 24.115 min Scan# 31

Delta R.T. -0.009 min

Lab File: BN026784.D

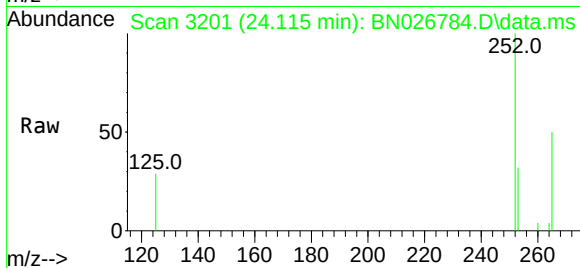
Acq: 01 Aug 2023 15:05

Instrument :

BNA_N

ClientSampleId :

GWBR-04-475-500-073123



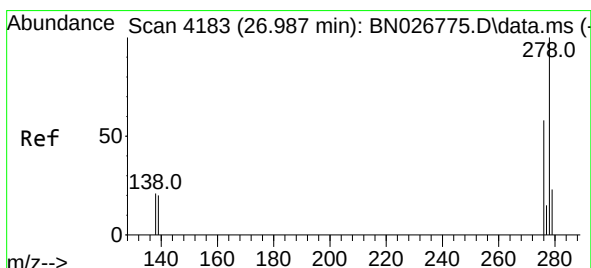
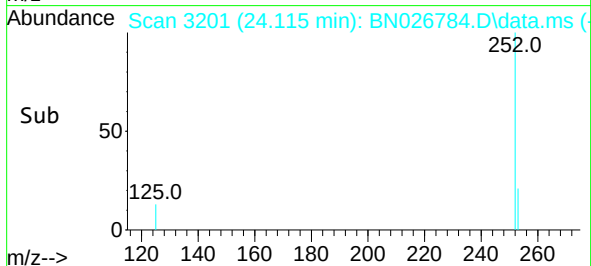
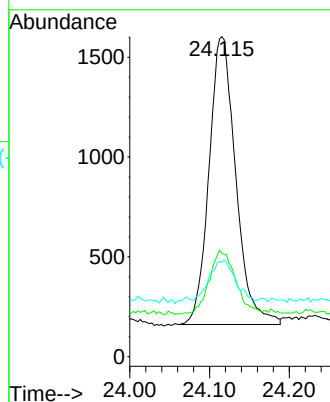
Tgt Ion:252 Resp: 3365

Ion Ratio Lower Upper

252 100

253 32.4 18.5 27.7#

125 29.4 12.7 19.1#



#40

Dibenzo(a,h)anthracene

Concen: 0.056 ng

RT: 26.972 min Scan# 4178

Delta R.T. -0.015 min

Lab File: BN026784.D

Acq: 01 Aug 2023 15:05

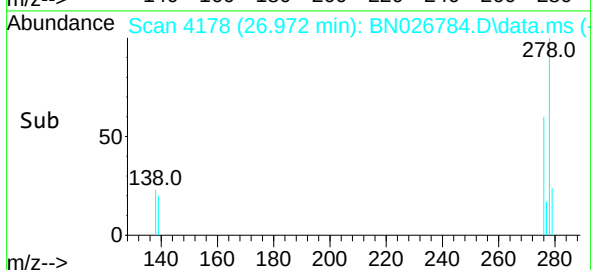
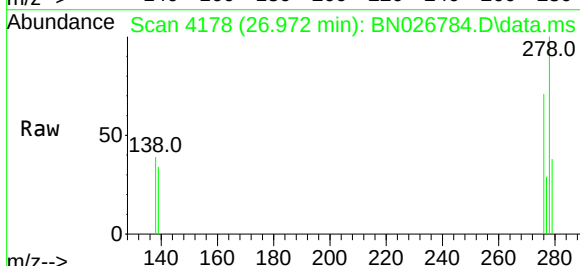
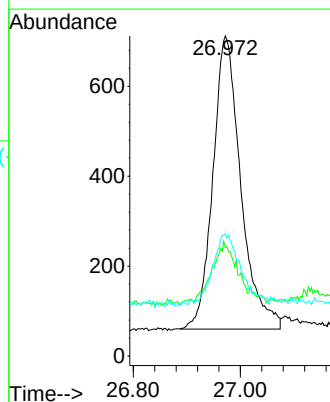
Tgt Ion:278 Resp: 2359

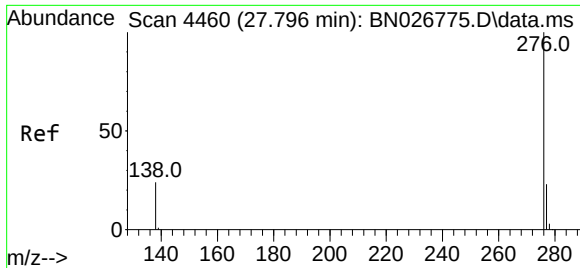
Ion Ratio Lower Upper

278 100

139 34.0 16.8 25.2#

279 38.2 19.5 29.3#





#41

Benzo(g,h,i)perylene

Concen: 0.061 ng

RT: 27.782 min Scan# 44

Delta R.T. -0.015 min

Lab File: BN026784.D

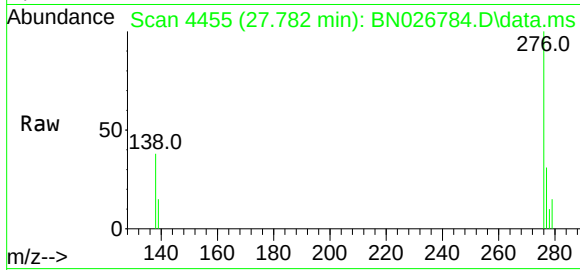
Acq: 01 Aug 2023 15:05

Instrument :

BNA_N

ClientSampleId :

GWBR-04-475-500-073123



Tgt Ion:276 Resp: 3034

Ion Ratio Lower Upper

276 100

277 31.3 19.1 28.7#

138 37.6 19.8 29.6#

